

BD Gentest™ High/Low P450 Single Donor HLM Panel Available as of April 9, 2012

Lot No.	Donor No.	Gender/Age/Race	Cause of Death	Smoker	Medical History	Total P450c	CYP1A2	CYP2A6	CYP2B6	CYP2C8	CYP2C9	CYP2C19	CYP2D6	CYP2E1	CYP3A4	CYP4A	FMO	UGT1A1	UGT1A4	UGT1A9*
						Omura and Sato	Phenacetin O-deethylase	Coumarin 7-hydroxylase	(S)-Mephenytoin N-demethylase	Paclitaxel 6α-hydroxylase	Diclofenac 4'-hydroxylase	(S)-Mephenytoin 4'-hydroxylase	Bufuralolol 1'-hydroxylase	Chlorzoxazone 6-hydroxylase	Testosterone 6β-hydroxylase	Lauric acid 12-hydroxylase	Methyl p-Tolyl Sulfide Oxidase	Estradiol 3-Glucuronidation	Trifluoroperazine Glucuronidation	Propofol Glucuronidation
Catalog No.: 452138 Package Content: 0.5 mL Protein Content: 20 mg/mL in 250 mM sucrose Storage: Store at -80°C																				
HFC205	HFC205	F/47/C	CVA	N/A	Mitral valve prolapse, med-compliant x 15 years. Intestinal problems with bleeding ulcers.	620	430	2100	60	230	3000	29	30	940	16000	1300	1000	1300	410	4500
HFC208	HFC208	F/60/C	Head trauma-MVA	<1 ppd x 10 years	Mild hypertension. Gall bladder removed.	1200	260	2100	98	960	5400	89	180	1100	15000	5300	2800	1900	310	4200
HFH617	HFH617	F/62/H	Brain infarction.	N/A	Asthma as a child. Cataract surgery. Bilateral C section. Tubal ligation.	400	110	1200	69	280	2100	13	81	1600	5700	450	1100	2400	360	4400
HFH705	HFH705	F/42/H	Intracranial hemorrhage.	N/A	Gestational diabetes. C section in 1991.	170	84	430	ND	160	2900	12	46	860	2600	1500	610	660	150	2000
HG18	HG18	M/41/C	Motorcycle accident	N/A	N/A	250	780	250	39	160	3300	41	130	1800	1950	2000	1300	570	520	2300
HG43	HG43	F/23/C	Open head trauma	N/A	N/A	250	570	460	21	26	1200	450	7.3	960	4800	2500	2300	520	520	1800
HG64	HG64	M/63/C	Cerebral vascular trauma	N/A	Comadin	210	150	730	60	97	3600	29	160	2700	2100	2000	1900	690	570	680
HH13-2	HH13-2	M/55/A	Aneurysm	N/A	Hypertension, Arthritis	450	640	680	67	240	3300	0	63	3000	970	980	760	2500	80	3900
HH37	HH37	M/54/C	Anoxia	N/A	Darvocet, Malaria in Vietnam	440	700	930	59	190	5400	19	250	4100	6200	2600	2000	1400	630	2300
HH519	HH519	M/70/C	Brain Stem Infarct	N/A	Type II DM controlled with oral insulin, Parkinsons Disease, Appendectomy	380	340	730	50	110	580	3	70	3000	6900	2100	1100	870	580	640
HH581	HH581	M/58/C	Subarachnoid hemorrhage	1 ppd x 40 years.	COPD, emphysema. Possible hypertension, no meds.	770	2100	810	33	100	4100	59	18	2000	5400	3100	3500	1600	620	2300
HH715	HH715	M/46/C	Anoxia	No	HTN discovered 3 weeks ago. Brain tumor. Exp lap for small bowel obstruction.	96	570	400	15	100	3600	34	86	1700	4100	2700	2800	840	570	3000
HH741	HH741	M/68/C	Head trauma s/p struck head on concrete	No	Amputation of fingers on right hand traumatic >40 yr ago.	360	240	1500	58	140	5500	18	73	2900	7400	1800	2300	1400	500	2700
HH837	HH837	F/52/H	CVA	No	Hypertension x1 yr, unsure if treated. Prescription medications, not identified.	400	880	1900	110	310	3900	100	91	1700	13700	2100	2000	64	960	3400

Red are the preferred CYPs with low activity
Green are the preferred CYPs with high activity

Note: All the donors in the Single donor panel are targeted for a low correlation (r< 0.5) between any two CYPs activities
More selection for high/low Single Donor HLMs with specific CYP activities can also be chosen from the Allelic variant donor panel

Race Key
C: Caucasian
AA: African American
A: Asian
H: Hispanic
NA: Native American

